

Disaggregation Summary Report

Test Date: 09/18/07

State: INDIANA

Grade: 4

Purpose

This report describes group achievement for selected reporting populations.



English/language arts		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not Pass N	Pass %	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
All Students		77552	6804	9	50378	65	57182	74	19944	26	426	1	460.3/463.2	56.9
General Education														
TOTAL General Education		64705	6399	10	45076	70	51475	80	12921	20	309	0	468.8/469.2	50.8
Special Education														
With accommodations		7435	41	1	1945	26	1986	27	5356	72	93	1	391.5/394.3	60.1
Without accommodations		5412	364	7	3357	62	3721	69	1667	31	24	0	452.2/454.5	56.6
TOTAL Special Education		12847	405	3	5302	41	5707	44	7023	55	117	1	417.2/420.3	65.9
Limited English Proficiency														
With accommodations		2437	11	0	911	37	922	38	1458	60	57	2	411.0/416.5	56.3
Without accommodations		1450	33	2	829	57	862	59	540	37	48	3	440.2/441.9	48.9
TOTAL Limited English Proficiency		3887	44	1	1740	45	1784	46	1998	51	105	3	421.8/425.4	55.5
Non-Limited English Proficiency														
With accommodations		7370	48	1	2035	28	2083	28	5196	71	91	1	393.8/396.4	60.3
Without accommodations		66295	6712	10	46603	70	53315	80	12750	19	230	0	469.8/470.2	50.4
TOTAL Non-Limited English Proficiency		73665	6760	9	48638	66	55398	75	17946	24	321	0	462.3/465.1	56.2
Gender														
Male		39433	2408	6	24978	63	27386	69	11778	30	269	1	452.1/456.1	56.9
Female		38027	4391	12	25361	67	29752	78	8124	21	151	0	468.8/470.2	55.6
No valid information		92	5	5	39	42	44	48	42	46	6	7	420.6/431.0	76.4
SES														
Paid lunch		44478	5645	13	31066	70	36711	83	7584	17	183	0	474.9/476.9	53.2
Free or reduced lunch		32775	1145	3	19168	58	20313	62	12229	37	233	1	440.7/444.4	55.7
No valid information		299	14	5	144	48	158	53	131	44	10	3	433.9/435.6	63.7
Ethnicity														
American Indian or Alaska Native		218	9	4	146	67	155	71	62	28	1	0	454.0/452.0	51.3
Black (Not of Hispanic Origin)		9378	216	2	5137	55	5353	57	3963	42	62	1	434.9/437.3	53.1
Asian or Pacific Islander		1108	199	18	691	62	890	80	176	16	42	4	480.9/485.1	62.1
Hispanic		5326	145	3	2795	52	2940	55	2313	43	73	1	433.4/436.0	56.1
White (Not of Hispanic Origin)		57881	5977	10	39303	68	45280	78	12377	21	224	0	466.8/469.6	55.6
Multiracial		3413	253	7	2198	64	2451	72	947	28	15	0	456.4/459.3	55.4
No valid information		228	5	2	108	47	113	50	106	46	9	4	430.9/431.5	55.1
Migrant		29	0	0	11	38	11	38	18	62	0	0	409.4/414.0	53.3

The cut score at Pass is 429. The cut score at Pass+ is 532.

The Lowest/Highest Scale Score Possible for English/language arts is 110/700.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

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Purpose

This report describes group achievement for selected reporting populations.



Mathematics		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not Pass N	Pass %	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
All Students		77552	12737	16	45404	59	58141	75	19183	25	228	0	451.7/454.1	64.3
General Education														
TOTAL General Education		64705	11642	18	39540	61	51182	79	13383	21	140	0	458.9/459.5	58.7
Special Education														
With accommodations		7338	253	3	2717	37	2970	40	4300	59	68	1	391.0/398.9	77.3
Without accommodations		5509	842	15	3147	57	3989	72	1500	27	20	0	446.9/449.4	66.0
TOTAL Special Education		12847	1095	9	5864	46	6959	54	5800	45	88	1	415.0/421.9	77.8
Limited English Proficiency														
With accommodations		2454	112	5	1194	49	1306	53	1141	46	7	0	414.7/419.8	65.0
Without accommodations		1433	157	11	845	59	1002	70	426	30	5	0	441.1/442.9	58.2
TOTAL Limited English Proficiency		3887	269	7	2039	52	2308	59	1567	40	12	0	424.4/428.7	63.8
Non-Limited English Proficiency														
With accommodations		7269	272	4	2747	38	3019	42	4182	58	68	1	392.9/401.0	77.3
Without accommodations		66396	12196	18	40618	61	52814	80	13434	20	148	0	459.7/460.3	58.8
TOTAL Non-Limited English Proficiency		73665	12468	17	43365	59	55833	76	17616	24	216	0	453.1/455.5	64.0
Gender														
Male		39433	6920	18	23025	58	29945	76	9343	24	145	0	453.6/456.3	65.3
Female		38027	5810	15	22335	59	28145	74	9804	26	78	0	449.8/451.8	63.2
No valid information		92	7	8	44	48	51	55	36	39	5	5	416.4/434.8	81.2
SES														
Paid lunch		44478	9755	22	27122	61	36877	83	7520	17	81	0	466.4/467.7	60.4
Free or reduced lunch		32775	2958	9	18146	55	21104	64	11531	35	140	0	432.0/435.8	64.1
No valid information		299	24	8	136	45	160	54	132	44	7	2	420.0/419.3	71.9
Ethnicity														
American Indian or Alaska Native		218	23	11	139	64	162	74	56	26	0	0	442.0/448.7	66.0
Black (Not of Hispanic Origin)		9378	669	7	4711	50	5380	57	3953	42	45	0	421.8/425.3	65.6
Asian or Pacific Islander		1108	412	37	544	49	956	86	148	13	4	0	483.6/488.1	77.2
Hispanic		5326	446	8	2954	55	3400	64	1907	36	19	0	431.4/435.3	62.7
White (Not of Hispanic Origin)		57881	10722	19	34972	60	45694	79	12050	21	137	0	458.4/460.4	62.0
Multiracial		3413	451	13	1982	58	2433	71	964	28	16	0	444.0/445.4	64.3
No valid information		228	14	6	102	45	116	51	105	46	7	3	414.4/416.0	70.7
Migrant		29	1	3	15	52	16	55	12	41	1	3	424.1/419.0	50.1

The cut score at Pass is 415. The cut score at Pass+ is 510.

The Lowest/Highest Scale Score Possible for mathematics is 140/670.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%

State Proficiency

Performance Summary

State: INDIANA

Grade: 4

Purpose

This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	<div>4319 Students Pass + in E/la and Math</div> <div>6%</div>	<div>8260 Students Pass in E/la and Pass + in Math</div> <div>11%</div>	<div>104 Students Did Not Pass in E/la and Pass + in Math</div> <div>0%</div>	<div>54 Students Undetermined in E/la and Pass + in Math</div> <div>0%</div>	<div>12737 Students Pass + in Math</div> <div>16%</div>
Mathematics Pass	<div>2471 Students Pass + in E/la and Pass in Math</div> <div>3%</div>	<div>36039 Students Pass in E/la and Math</div> <div>46%</div>	<div>6793 Students Did Not Pass in E/la and Pass in Math</div> <div>9%</div>	<div>101 Students Undetermined in E/la and Pass in Math</div> <div>0%</div>	<div>45404 Students Pass in Math</div> <div>59%</div>
Mathematics Did Not Pass	<div>11 Students Pass + in E/la and Did Not Pass in Math</div> <div>0%</div>	<div>6034 Students Pass in E/la and Did Not Pass in Math</div> <div>8%</div>	<div>12978 Students Did Not Pass in E/la and Math</div> <div>17%</div>	<div>160 Students Undetermined in E/la and Did Not Pass in Math</div> <div>0%</div>	<div>19183 Students Did Not Pass in Math</div> <div>25%</div>
Mathematics Undetermined	<div>3 Students Pass + in E/la and Undetermined in Math</div> <div>0%</div>	<div>45 Students Pass in E/la and Undetermined in Math</div> <div>0%</div>	<div>69 Students Did Not Pass in E/la and Undetermined in Math</div> <div>0%</div>	<div>111 Students Undetermined in E/la and Math</div> <div>0%</div>	<div>228 Students Undetermined in Math</div> <div>0%</div>
English/ language arts TOTALS	<div>6804 Students Pass + in E/la</div> <div>9%</div>	<div>50378 Students Pass in E/la</div> <div>65%</div>	<div>19944 Students Did Not Pass in E/la</div> <div>26%</div>	<div>426 Students Undetermined in E/la</div> <div>1%</div>	<div>Summary of Student Counts</div> <div>Total Grade Count 77552</div> <div>Students with Complete Tests 77009</div> <div>Students with Undetermined Scores</div> <div>E/la Only 315</div> <div>Math Only 117</div> <div>Both 111</div>

Summary of Scores	E/la	Math	English/language arts			Mathematics		
			Pass+	Pass	Did Not Pass	Pass+	Pass	Did Not Pass
Mean Scale Score	460.3	451.7	MSS: 556.8	MSS: 475.7	MSS: 388.5	MSS: 542.5	MSS: 460.6	MSS: 370.3
Pass Cut Score	429	415	SD: 24.1	SD: 27.5	SD: 38.5	SD: 31.2	SD: 26.2	SD: 46.1
Pass+ Cut Score	532	510	L/H Obt: 532-700	L/H Obt: 429-531	L/H Obt: 110-428	L/H/Obt: 510-670	L/H/Obt: 415-509	L/H/Obt: 140-414
Standard Deviation	56.9	64.3	L/H Range: 532-700	L/H Range: 429-531	L/H Range: 110-428	L/H Range: 510-670	L/H Range: 415-509	L/H Range: 140-414
Lowest/Highest Scale Score Obtained	110-700	140-670	6804 Students	50378 Students	19944 Students	12737 Students	45404 Students	19183 Students
Lowest/Highest Scale Score Possible	110-700	140-670	Pass+	Pass	Did Not Pass	Pass+	Pass	Did Not Pass

MSS: Mean Scale Score

SD: Standard Deviation

L/H Obt: Lowest/Highest Scale Score Obtained

L/H Range: Lowest/Highest Scale Score Range of Proficiency Level

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed
Superintendent of Public Instruction

INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

Criterion-referenced Test: A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

Indiana Academic Standards: The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

Indiana Scale Score: Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

Indiana Performance Index (IPI) Score: A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

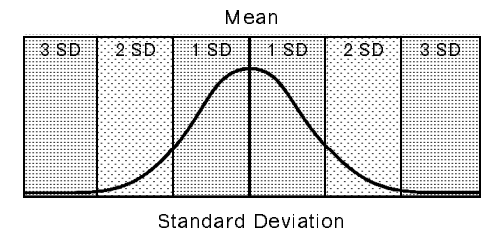
SUMMARY INFORMATION

Mean: Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

Median: The median is another often used "average." It is defined as the score below which half of the cases fall.

Mean Scale Score: The arithmetic average of the scale scores obtained by a group of students.

Standard Deviation (SD): A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



Applied Skills

Frequency Distribution

State: INDIANA

Grade: 4

Purpose

This report provides a frequency of points obtained by Applied Skills items.



Test Date: 09/18/07

E/la			0 Points Obtained		1 Point Obtained		2 Points Obtained		3 Points Obtained		4 Points Obtained		5 Points Obtained		6 Points Obtained	
Item # - Test #	Points Poss	Total Number of Stdnts	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Writing Applications																
1a-3-Writing Applications	6	77552			797	1	7010	9	25698	33	36201	47	6114	8	738	1
15a-4-Writing Applications	4	77552			7012	9	30882	40	28776	37	5810	7				
Lang. Conventions																
1b-3-Lang. Conventions	4	77552			838	1	7603	10	27261	35	41322	53				
15b-4-Lang. Conventions	4	77552			7987	10	26537	34	31066	40	8662	11				
Reading Comp.																
3-4-Reading Comp.	2	77552	32441	42	15462	20	28385	37								
6-4-Reading Comp.	2	77552	20673	27	30799	40	23466	30								
Lit. Resp. & Analysis																
10-4-Lit. Resp. & Analysis	2	77552	14771	19	32989	43	27894	36								
13-4-Lit. Resp. & Analysis	2	77552	21476	28	42011	54	12085	16								
14-4-Lit. Resp. & Analysis	2	77552	47088	61	3619	5	23819	31								

